LA-UR-20-21779
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Title:	IC W18_meltshear Highlight: Ab initio P-T phase diagram, P- cold shear modulus, and T- melting curve of Pb vs. experiment and theoretical modeling
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Intended for:	Report
Issued:	2020-02-24

IC W18_meltshear Highlight:
Ab initio P-T phase diagram, *P-ρ* cold shear modulus, and *T-ρ* melting curve of Pb vs. experiment and theoretical modeling

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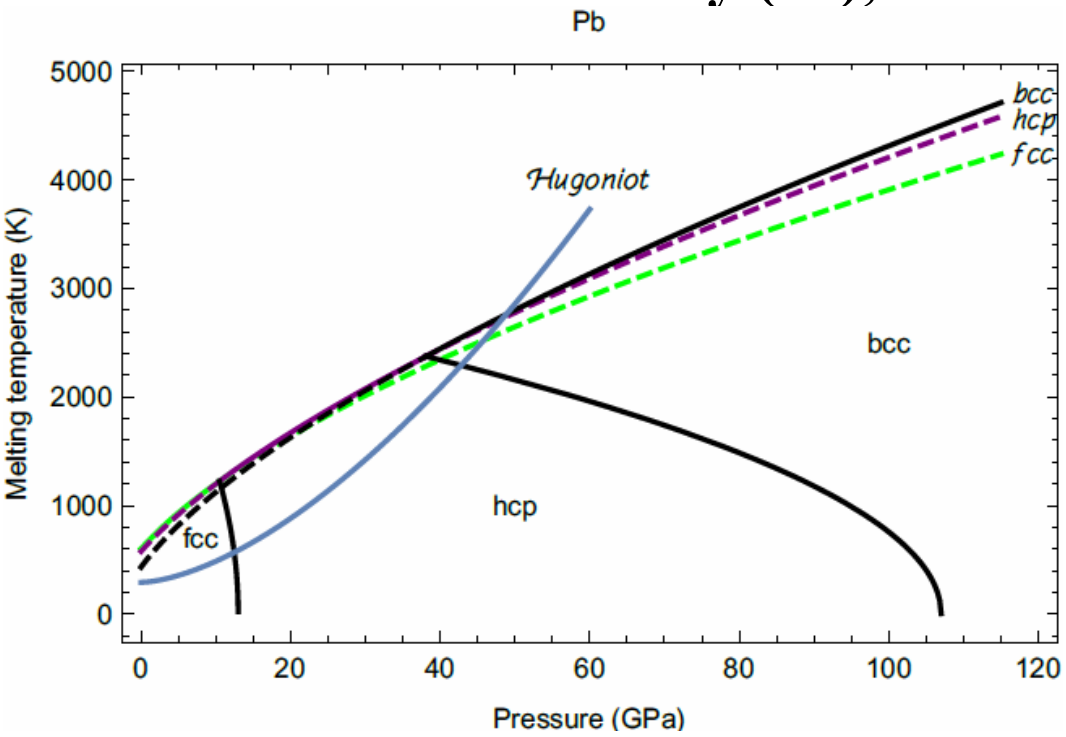

Fig. 1. *Ab initio* phase diagram of Pb. Here, as well as in the other two figures, bcc stands for body-centered cubic, fcc for face-centered cubic , and hcp for hexagonal close-packed crystal structure of Pb. The melting curves of different crystal structures of Pb are denoted with the corresponding symbols.

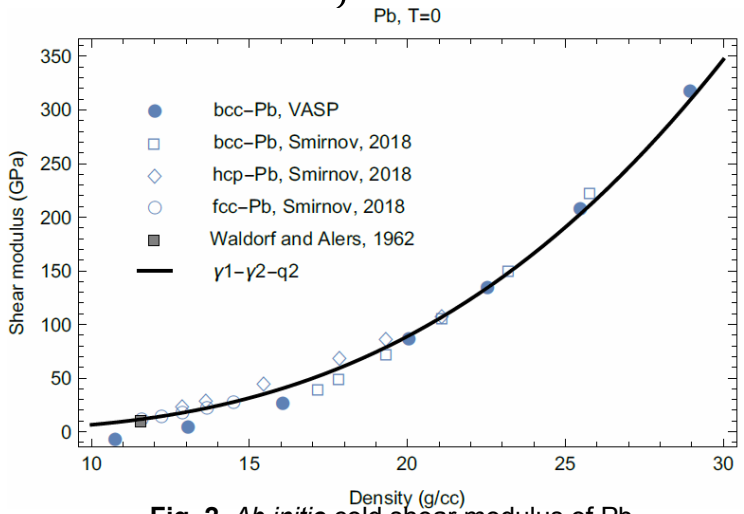

Fig. 2. *Ab initio* cold shear modulus of Pb

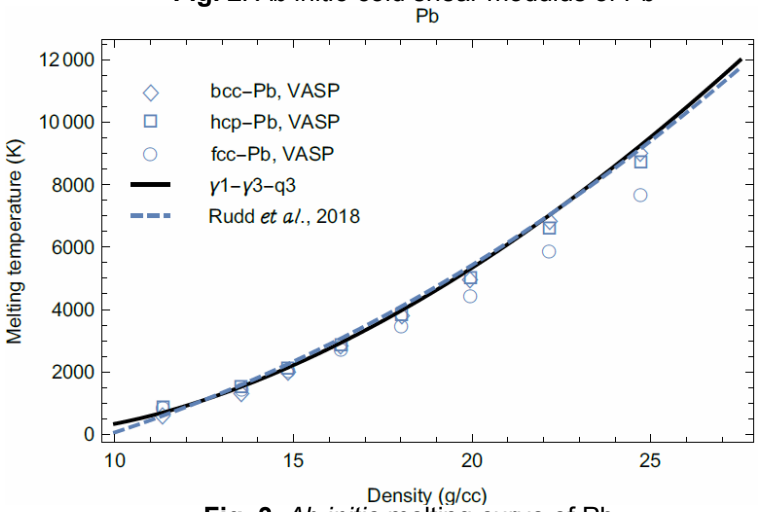

Fig. 3. *Ab initio* melting curve of Pb

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